

A RECONSTRUCTION METHOD FOR  
TOMOSYNTHESIS

ABSTRACT OF THE DISCLOSURE

A method for reconstructing a three-dimensional radiographic image includes acquiring views of an object from at least two projection angles with a medical imaging system. The medical imaging system includes at least one radiation source and at least one detector array to generate projection data of the object. The method also includes backprojecting the projection data across an imaged volume, and processing the backprojected data using a non-linear operator to generate a plurality of medical images representative of the imaged object.